

FIG.1

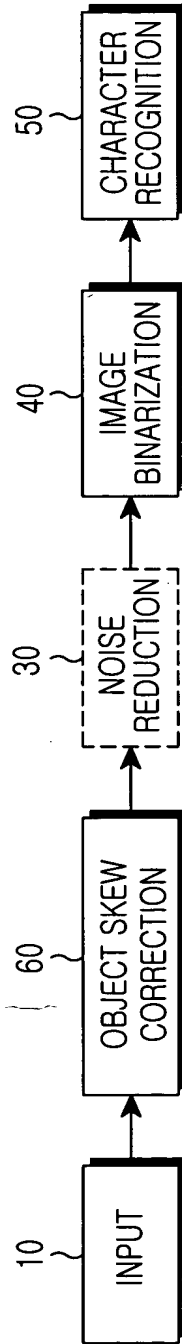


FIG.2

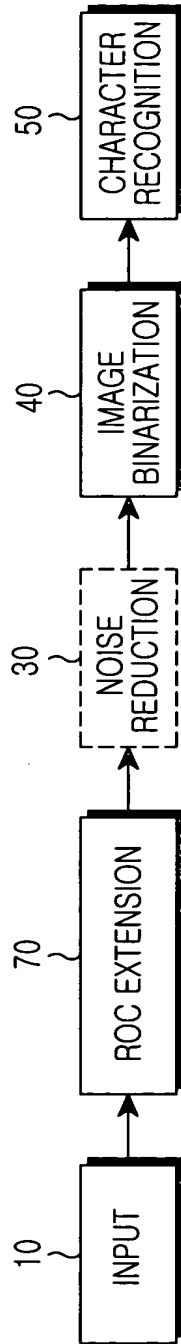


FIG.3

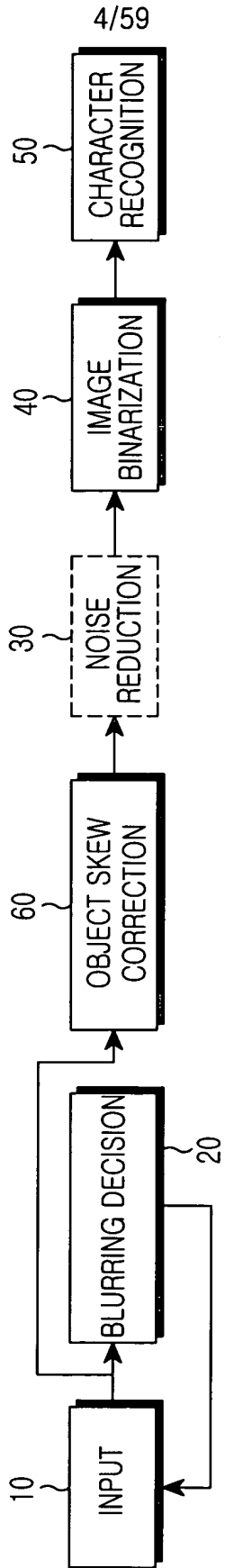


FIG. 4

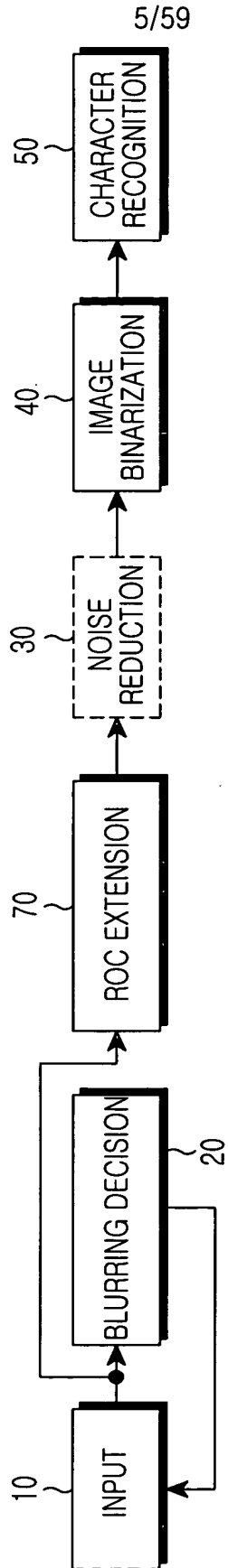


FIG.5

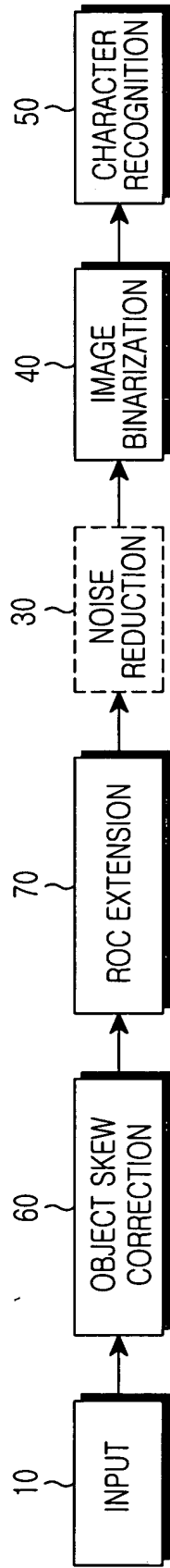
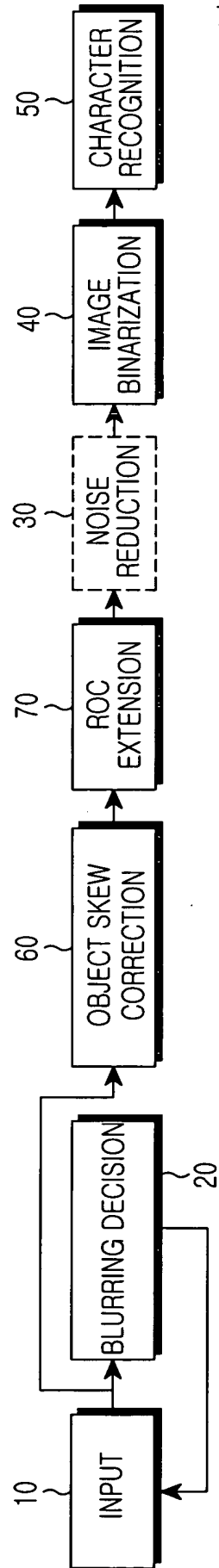


FIG.6



7/59

FIG. 7

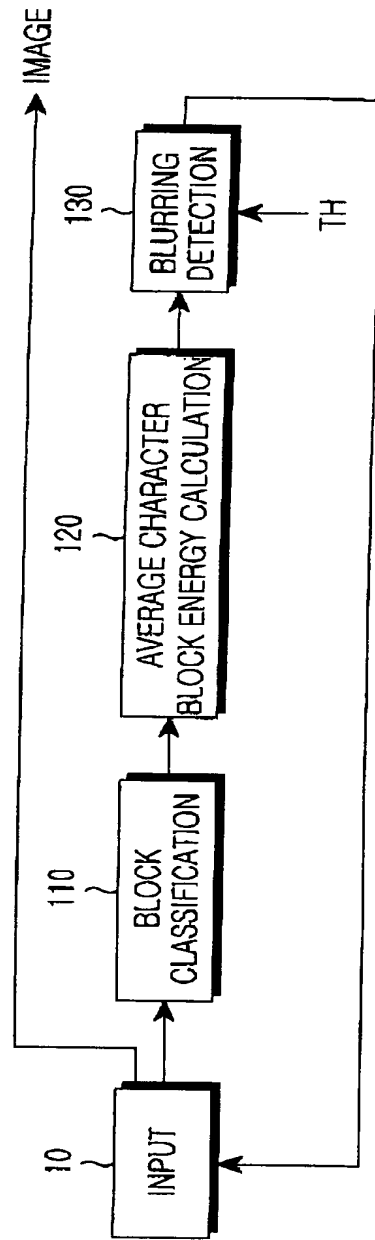
20

FIG.8

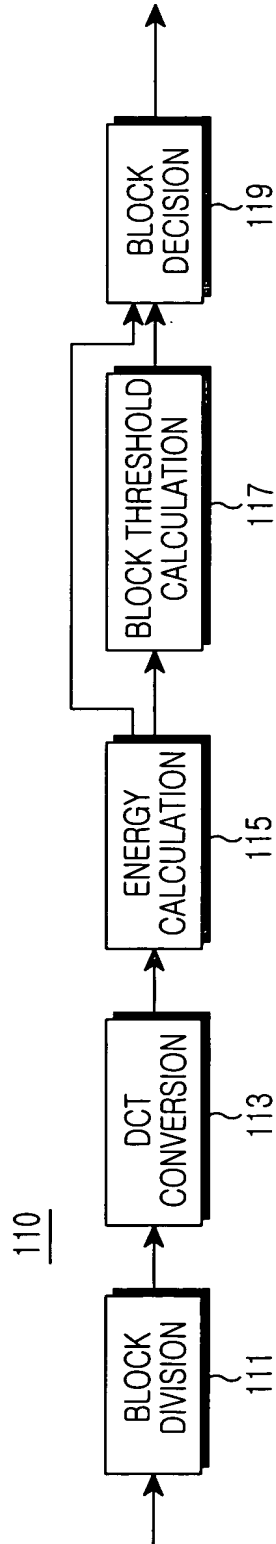


FIG.9

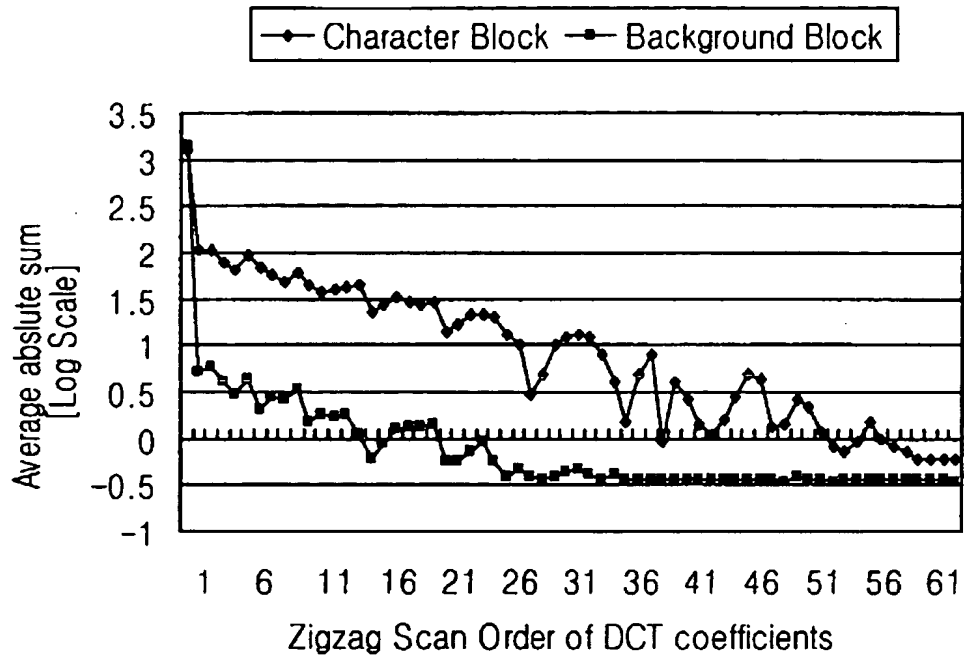


FIG.10A

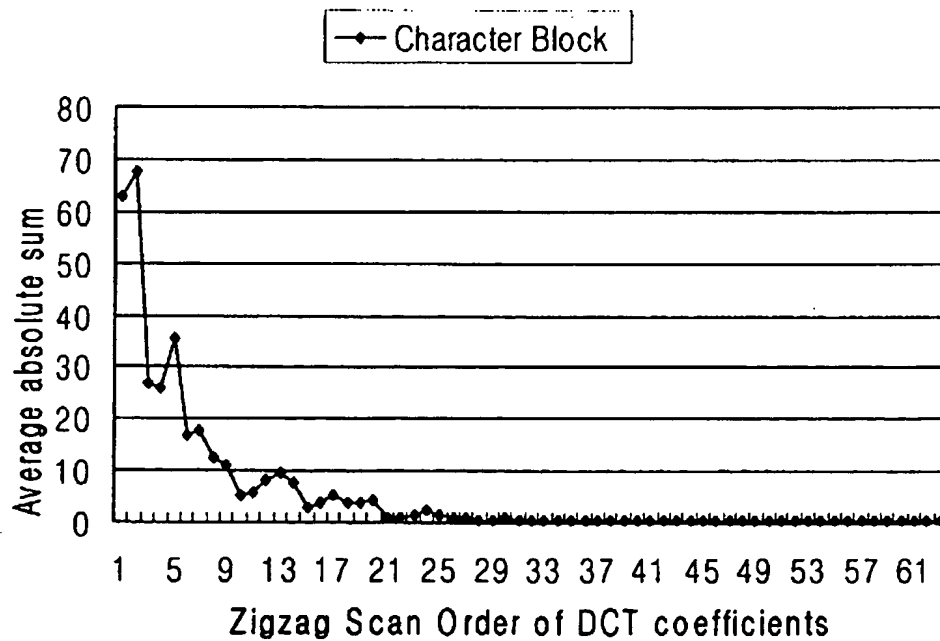


FIG.10B

	D ₁	D ₅	D ₆				
D ₂	D ₄	D ₇					
D ₃	D ₈						
D ₉							

FIG.10C

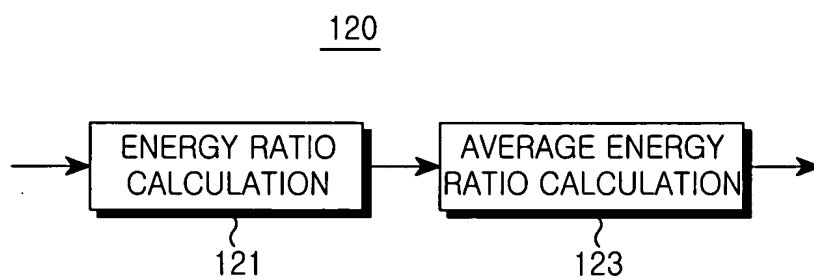


FIG.11

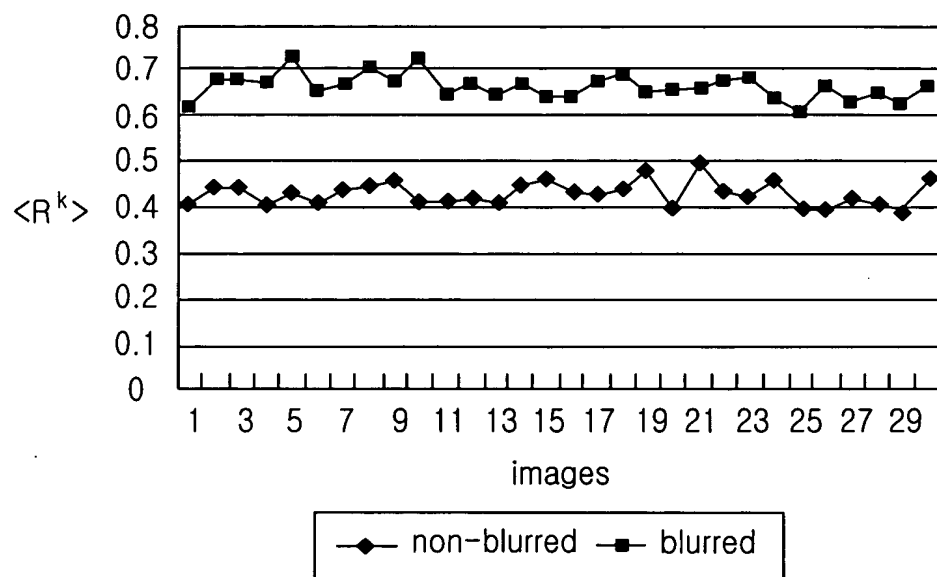


FIG.12

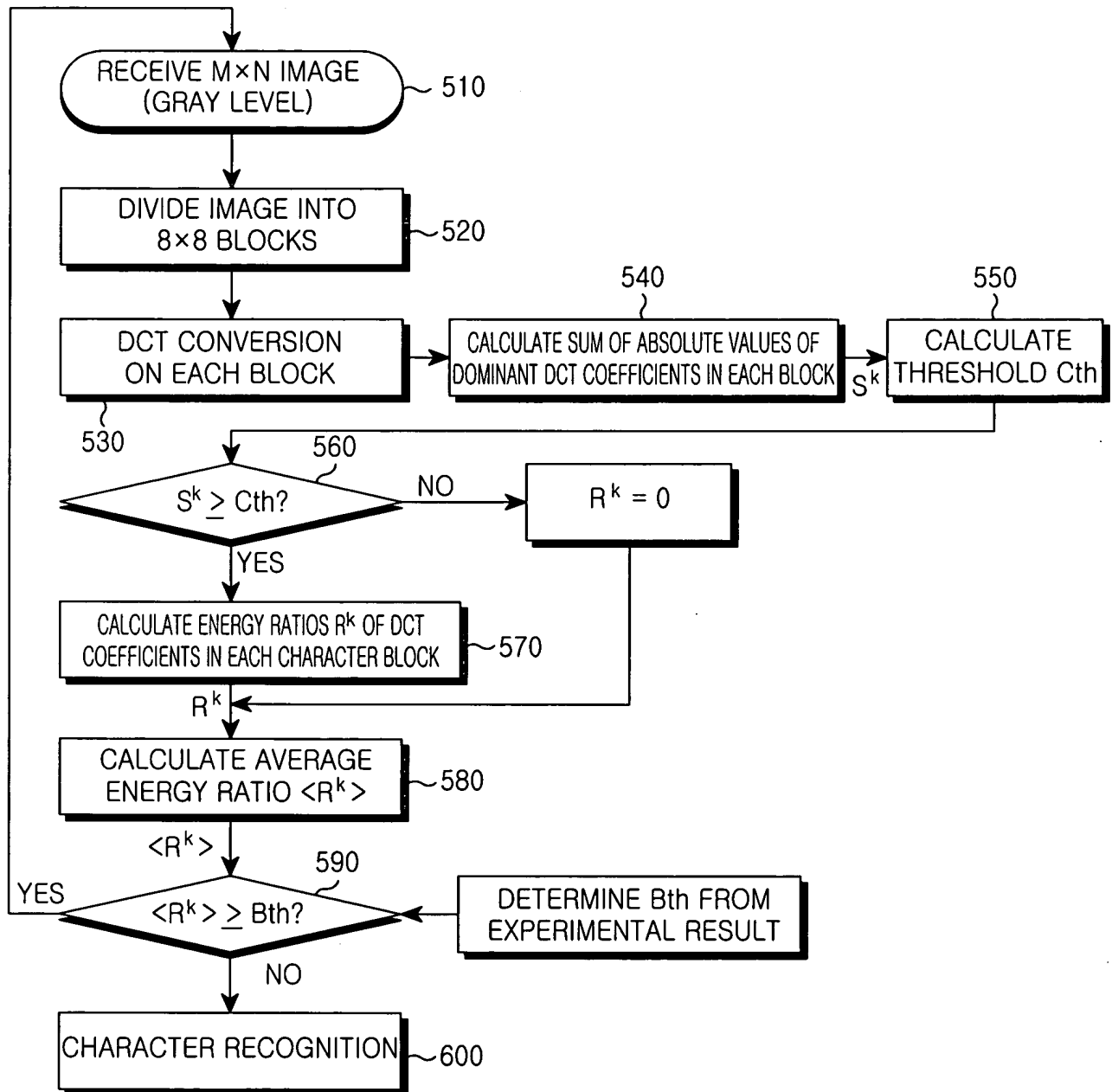


FIG.13

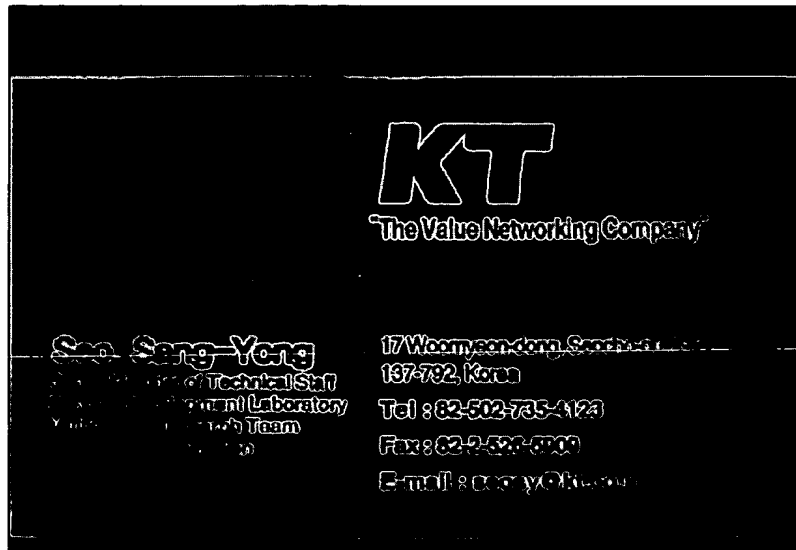


FIG.14A



FIG.14B

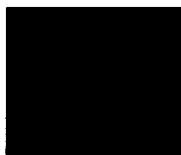


FIG.14C

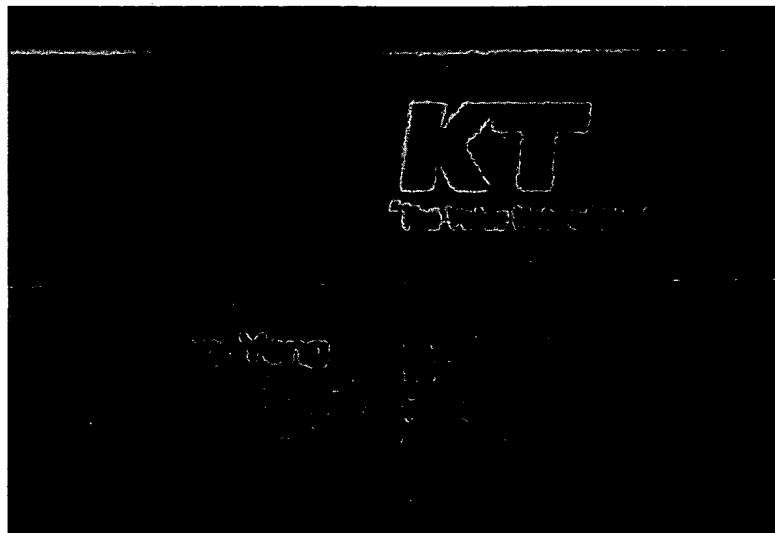


FIG.14D

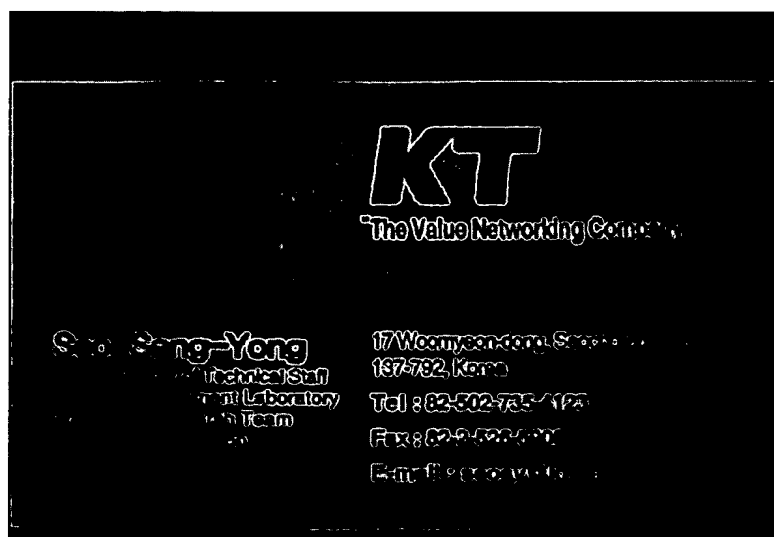


FIG.14E

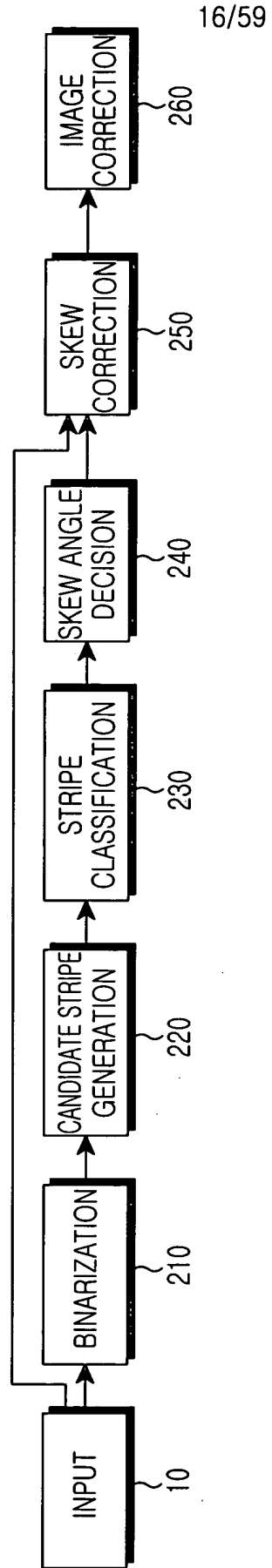


FIG.15

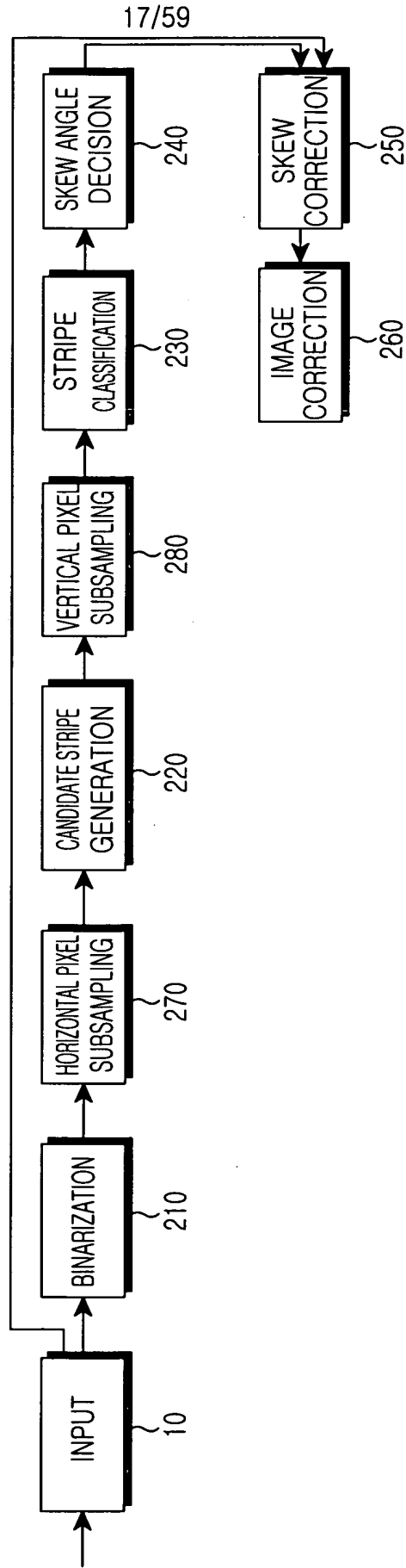


FIG.16

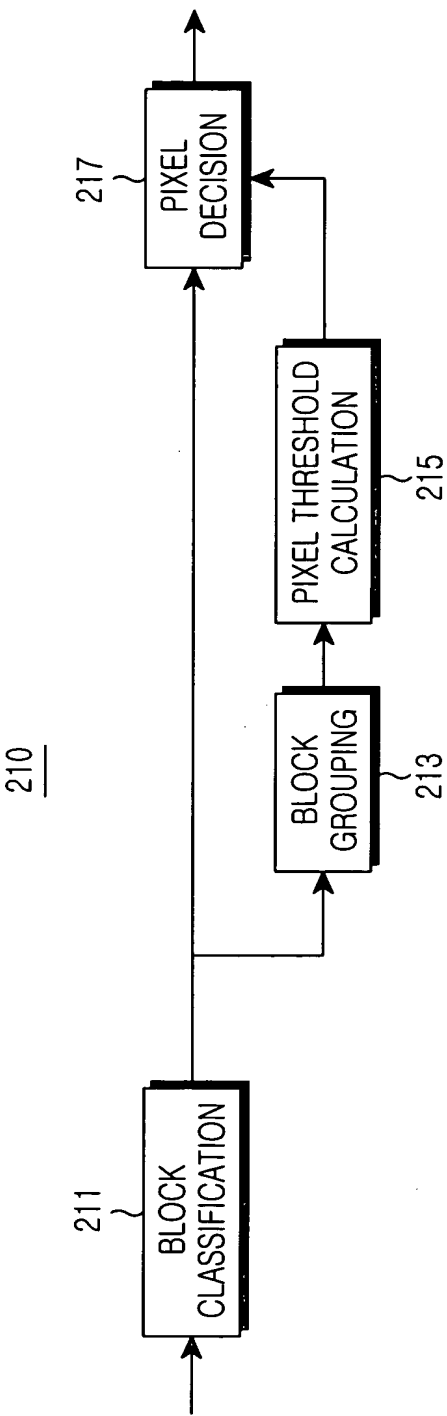


FIG.17

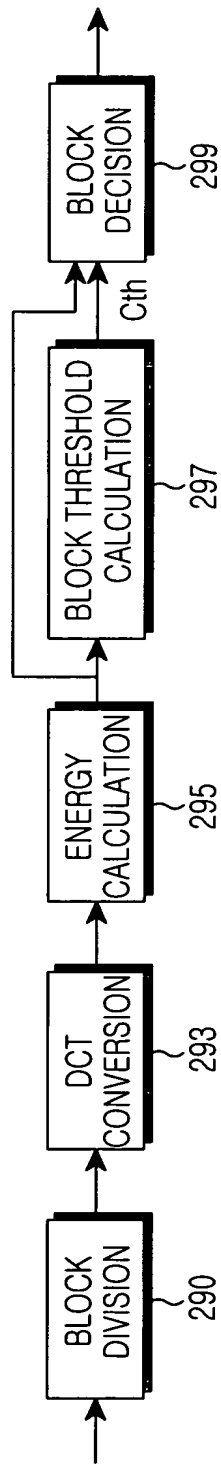
211

FIG.18

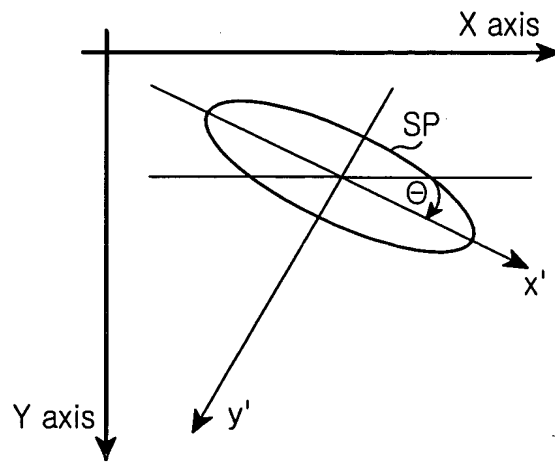


FIG.19

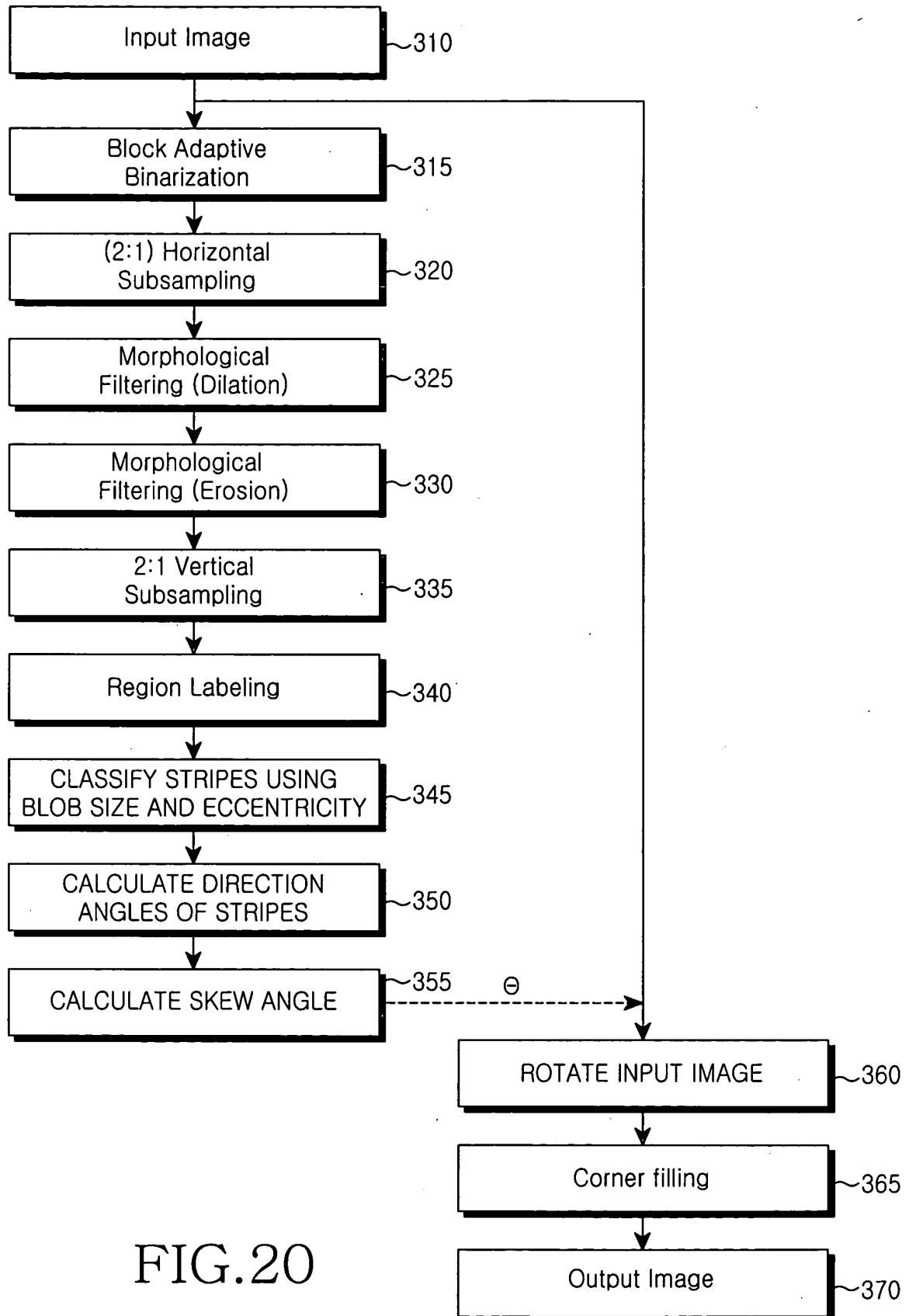


FIG.20

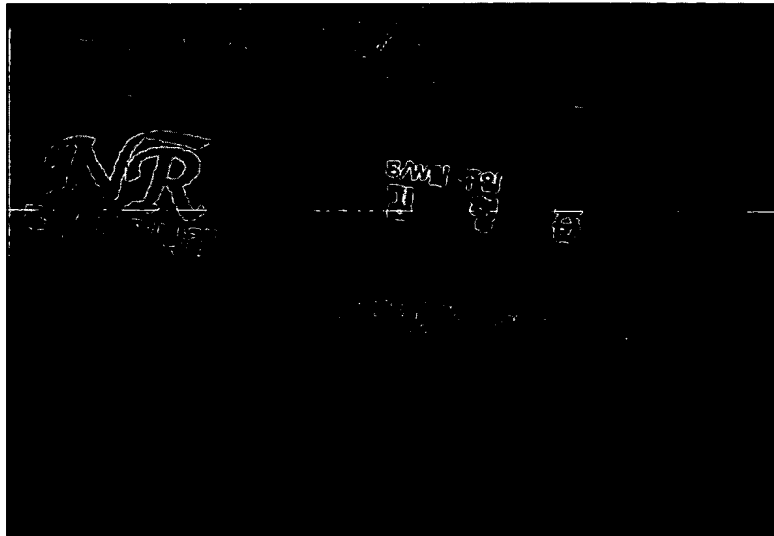


FIG.21A



FIG.21B

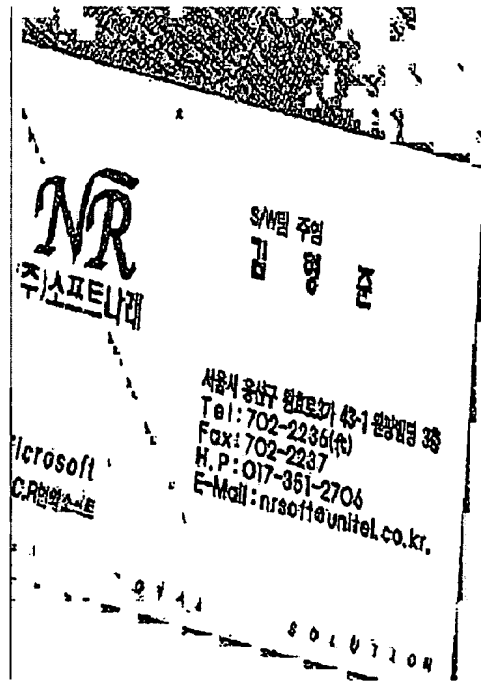


FIG. 21C

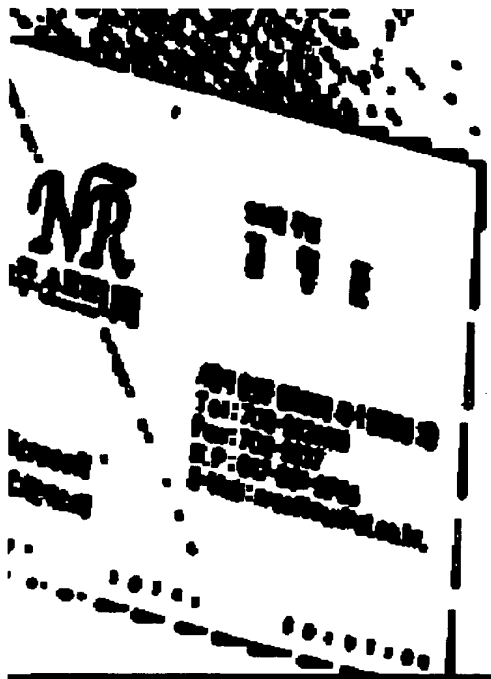


FIG. 21D

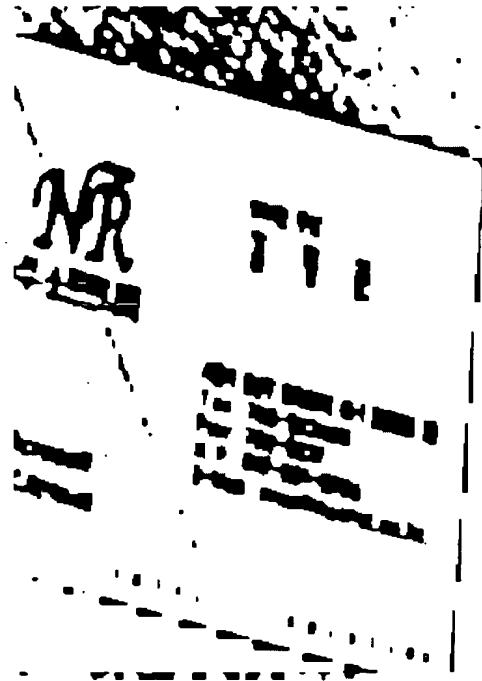


FIG. 21E

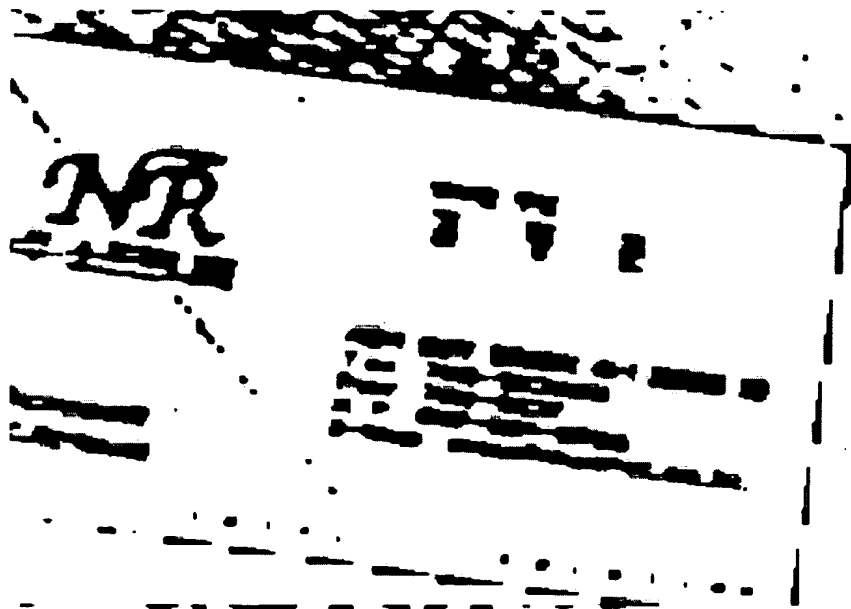


FIG. 21F

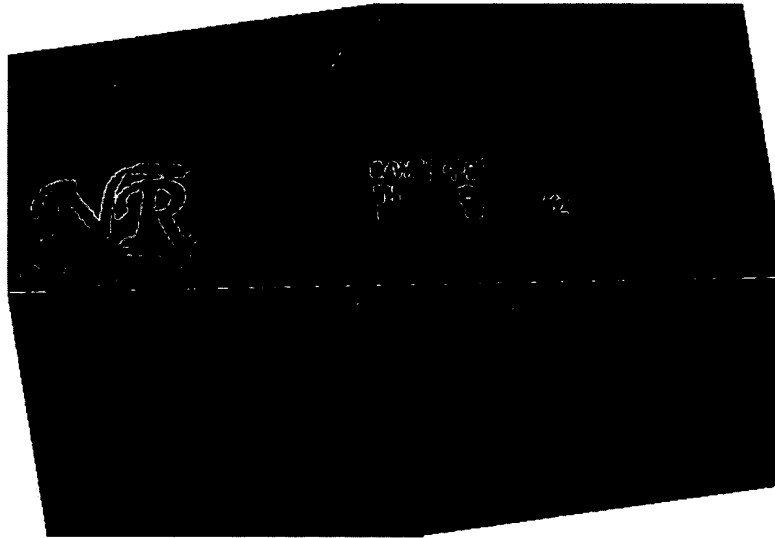


FIG. 21G



FIG. 21H

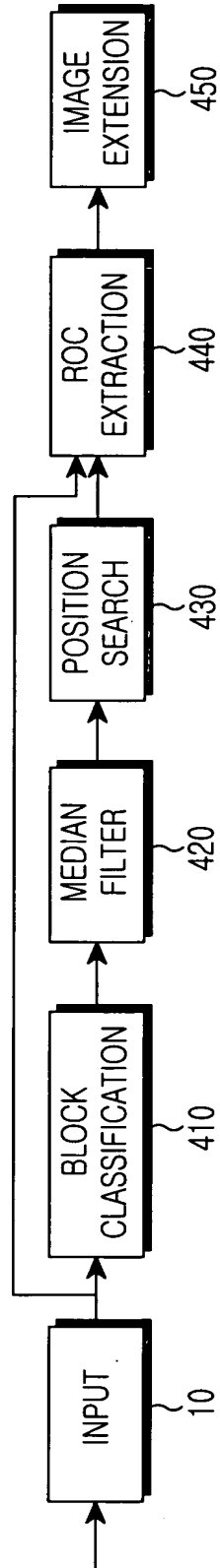
70

FIG.22

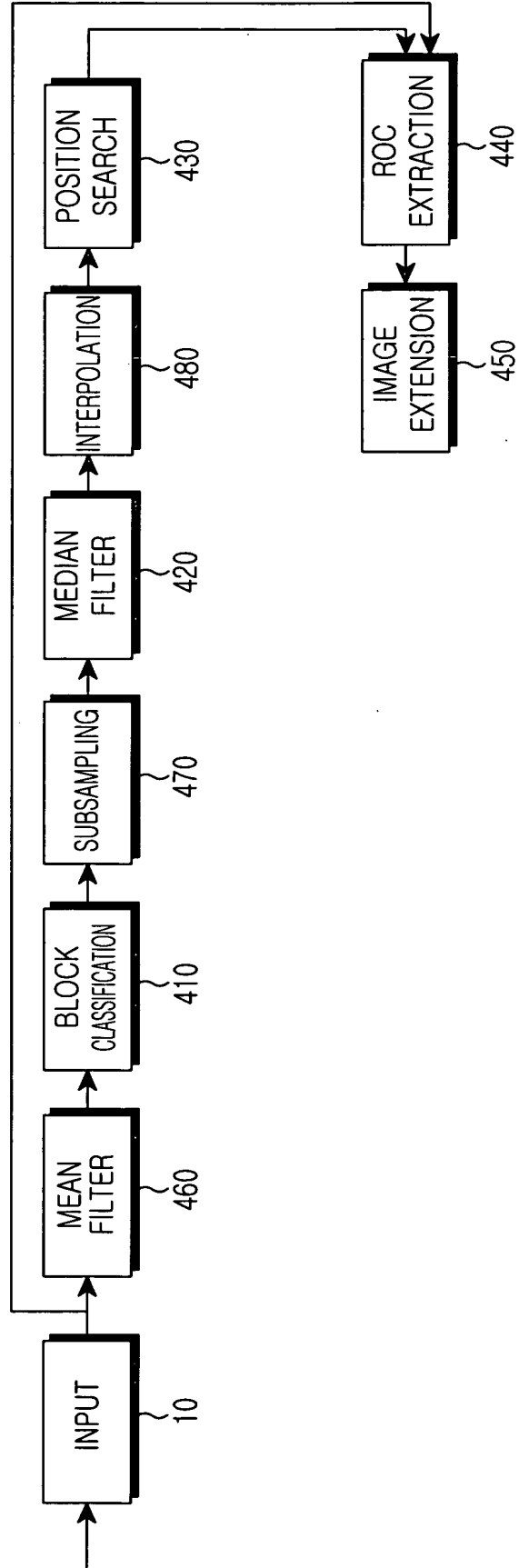


FIG.23

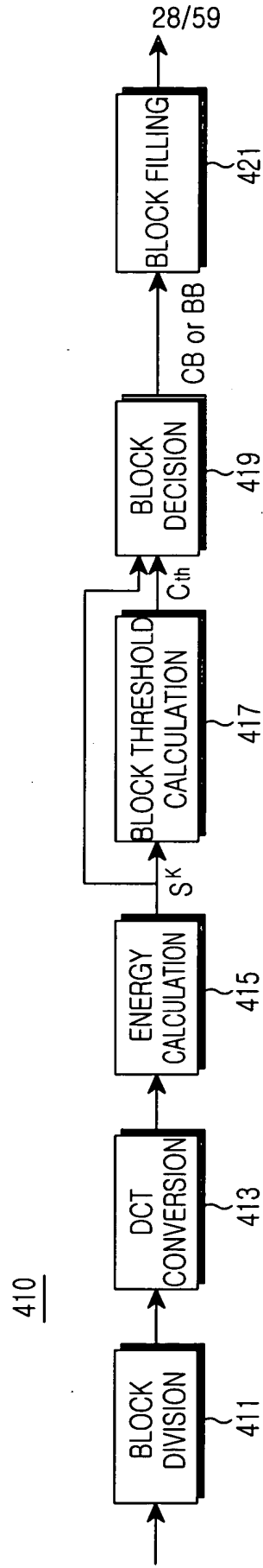


FIG.24

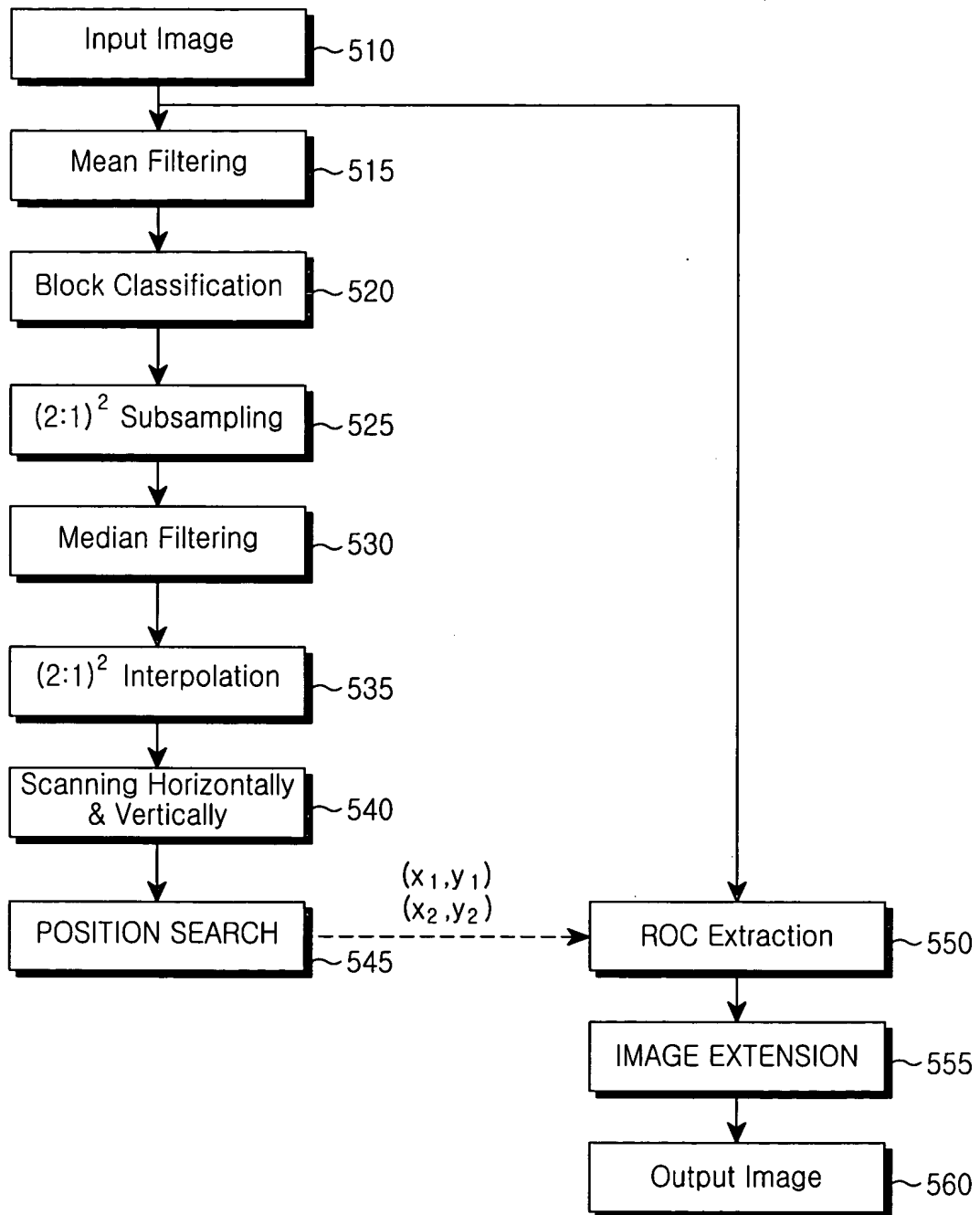


FIG.25



FIG.26A

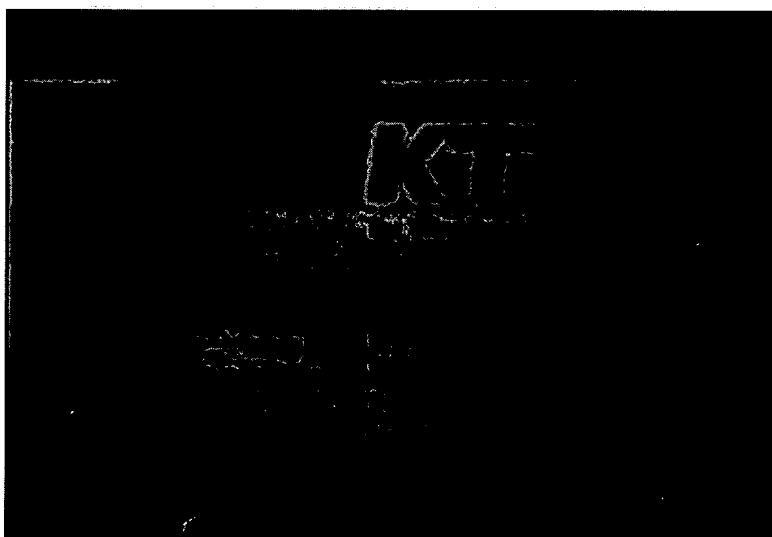


FIG.26B

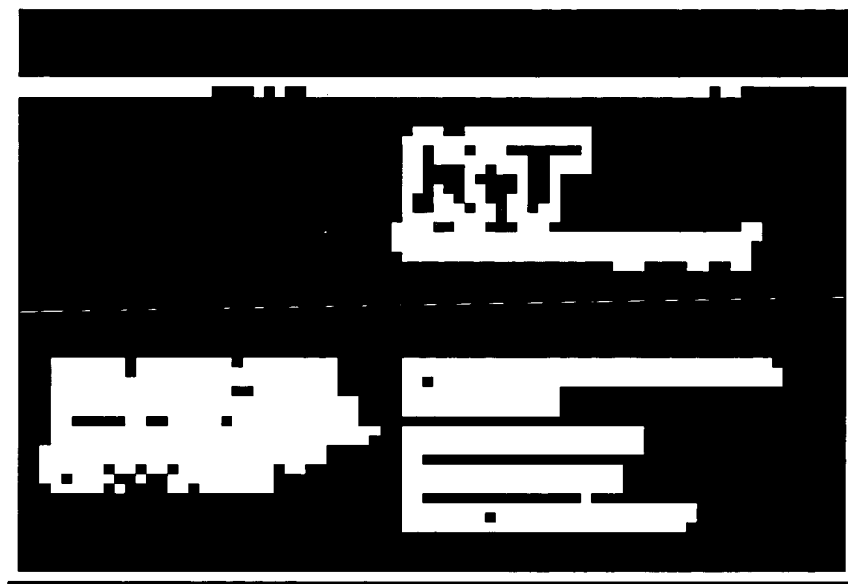


FIG. 26C



FIG. 26D



FIG. 26E



FIG. 26F

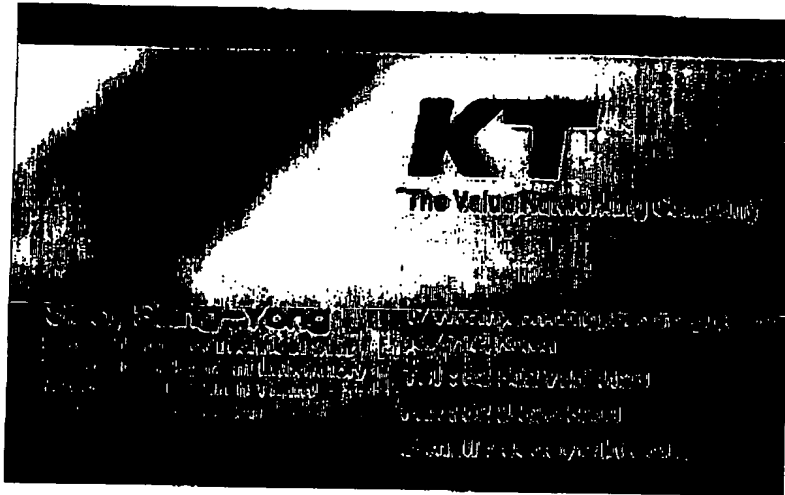


FIG.26G

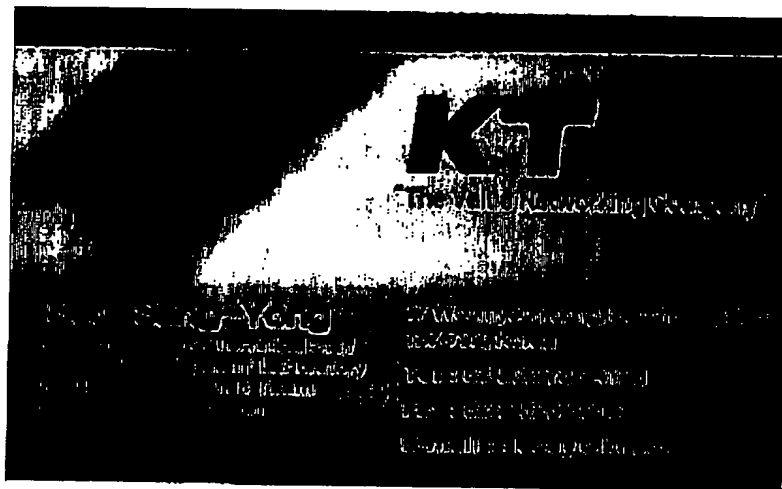


FIG.26H

y_4	y_3	y_2
y_5	y_0	y_1
y_6	y_7	y_8

FIG.27A

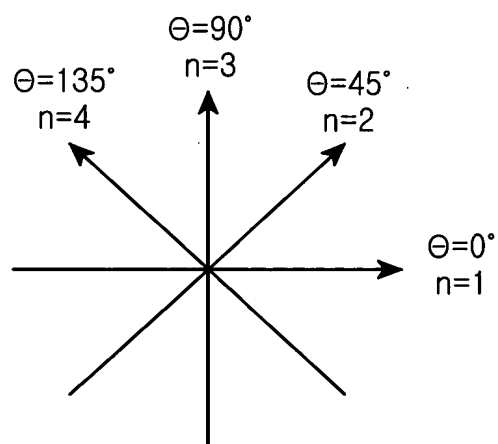


FIG.27B

R_{Θ}^1	y_4	y_3	y_2
	y_5	y_0	y_1
R_{Θ}^2	y_6	y_7	y_8

 $\Theta=0^\circ$ $n=1$

FIG.28A

R_{Θ}^2	y_4	y_3	y_2
	y_5	y_0	y_1
	y_6	y_7	y_8
	R_{Θ}^1		

$\Theta=45^\circ$ $n=2$

FIG.28B

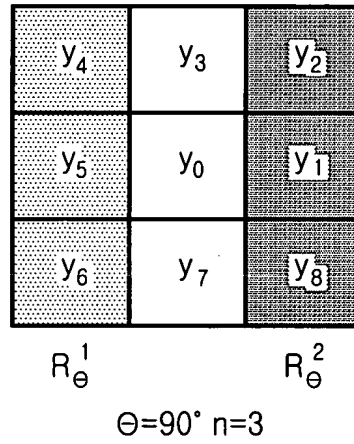


FIG.28C

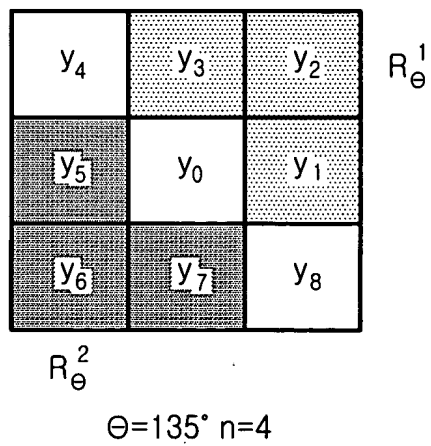


FIG.28D

주식회사 **하 이 맥** K.S. A/ISO 9001/9002 품질인증 획득업체
730-853 경북 구미시 산동면 신당리 292-3

개발/차장

한 장 배 Han Jang-Bae

Tel : (054)472-1901~3
Fax : (054)472-1909
Mobile : 011-9811-7761
<http://www.hi-mec.net>
E-mail: himec@ugitel.co.kr
E-mail: hjb2001@korea.com

HiMec
Hi-Mechatronics Co., Ltd.

FIG.28E

주식회사 **하 이 맥** K.S. A/ISO 9001/9002 품질인증 획득업체
730-853 경북 구미시 산동면 신당리 292-3

개발/차장

한 장 배 Han Jang-Bae

Tel : (054)472-1901~3
Fax : (054)472-1909
Mobile : 011-9811-7761
<http://www.hi-mec.net>
E-mail: himec@ugitel.co.kr
E-mail: hjb2001@korea.com

HiMec
Hi-Mechatronics Co., Ltd.

FIG.28F

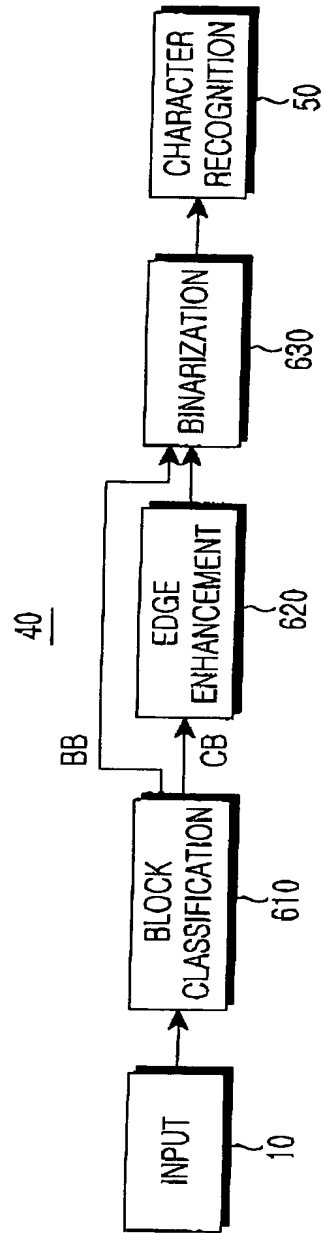


FIG.29

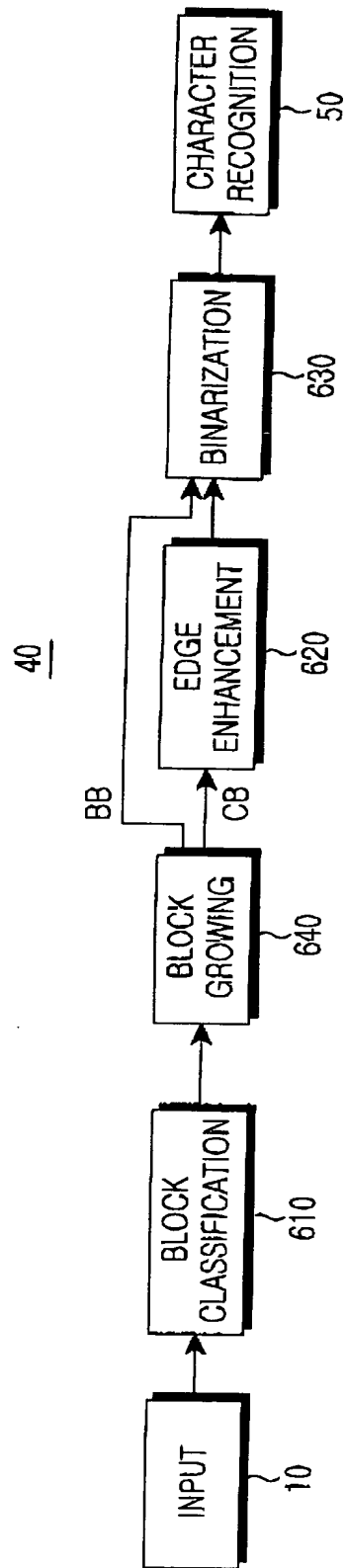


FIG.30

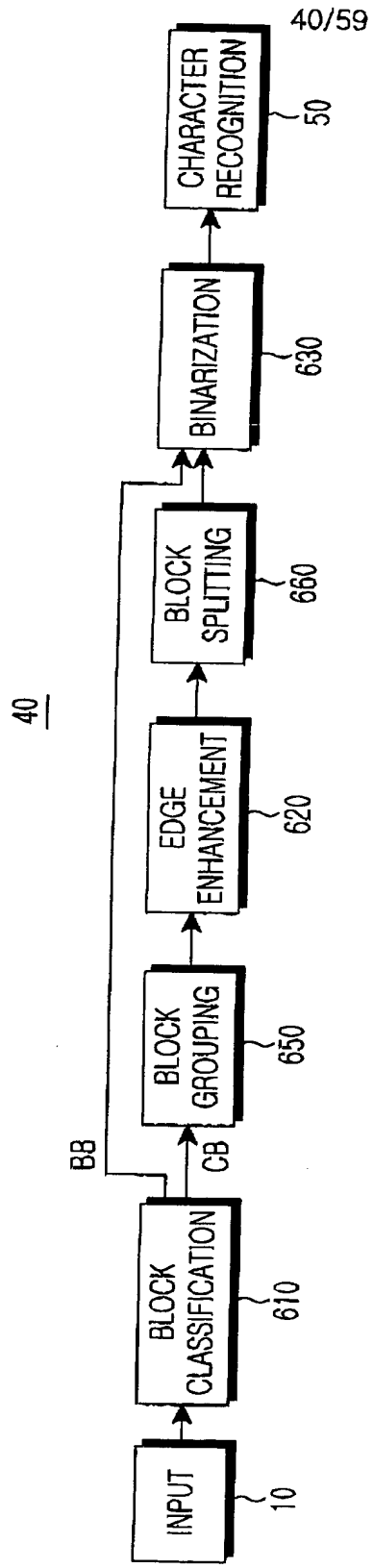


FIG.31

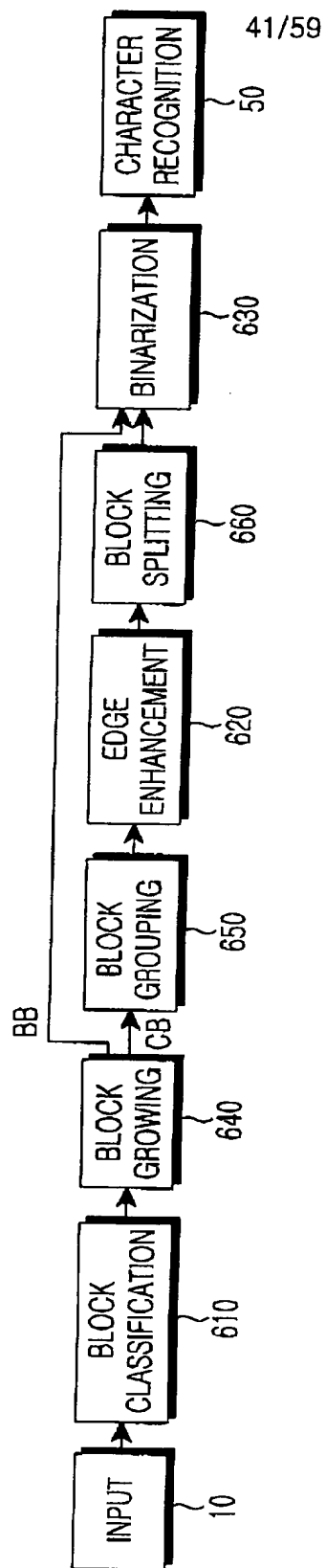


FIG.32

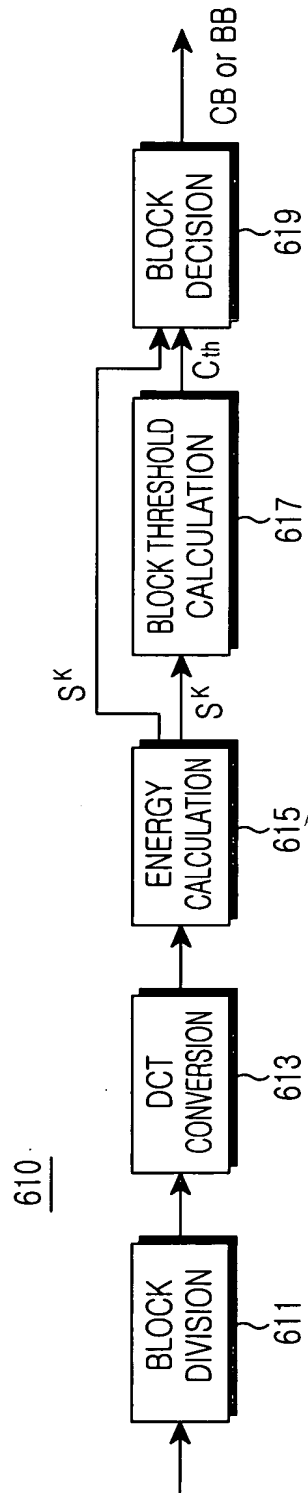


FIG.33

620

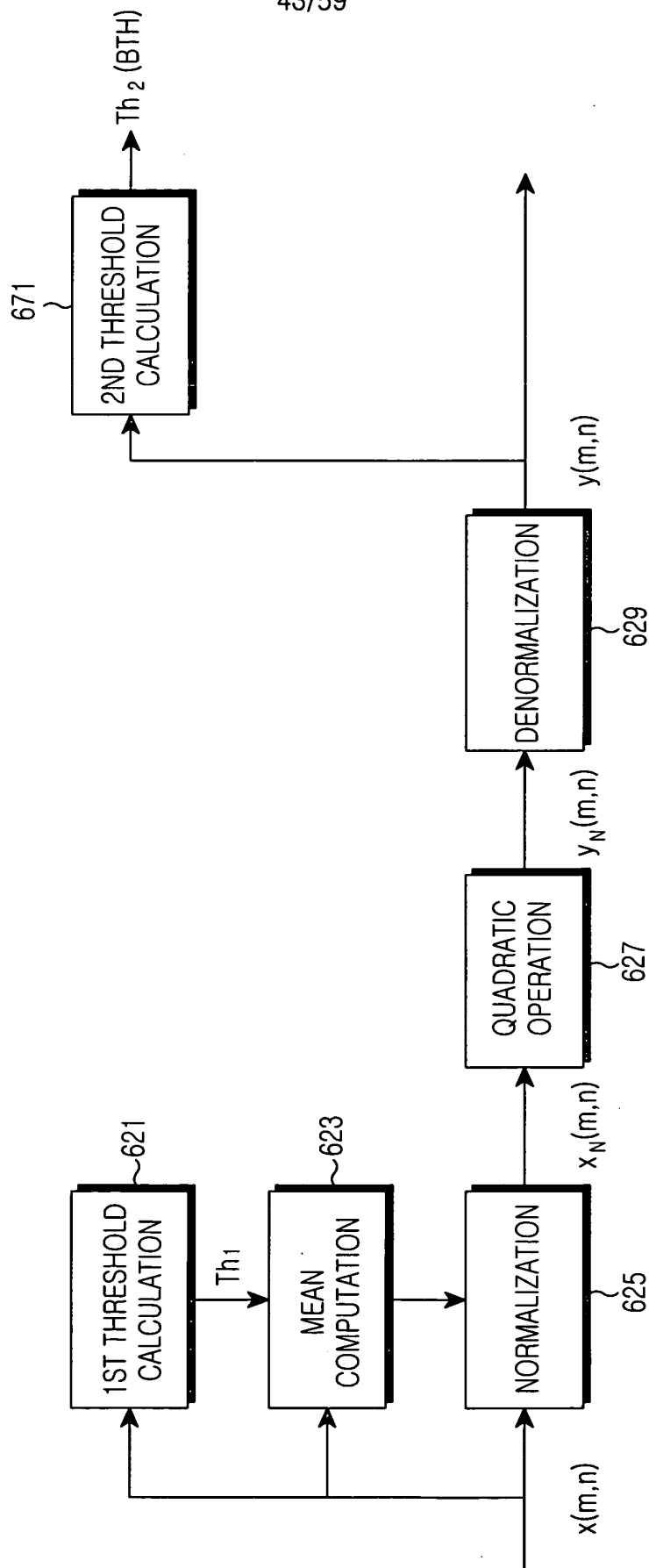


FIG.34

x_4	x_3	x_2
x_5	x_0	x_1
x_6	x_7	x_8

FIG.35

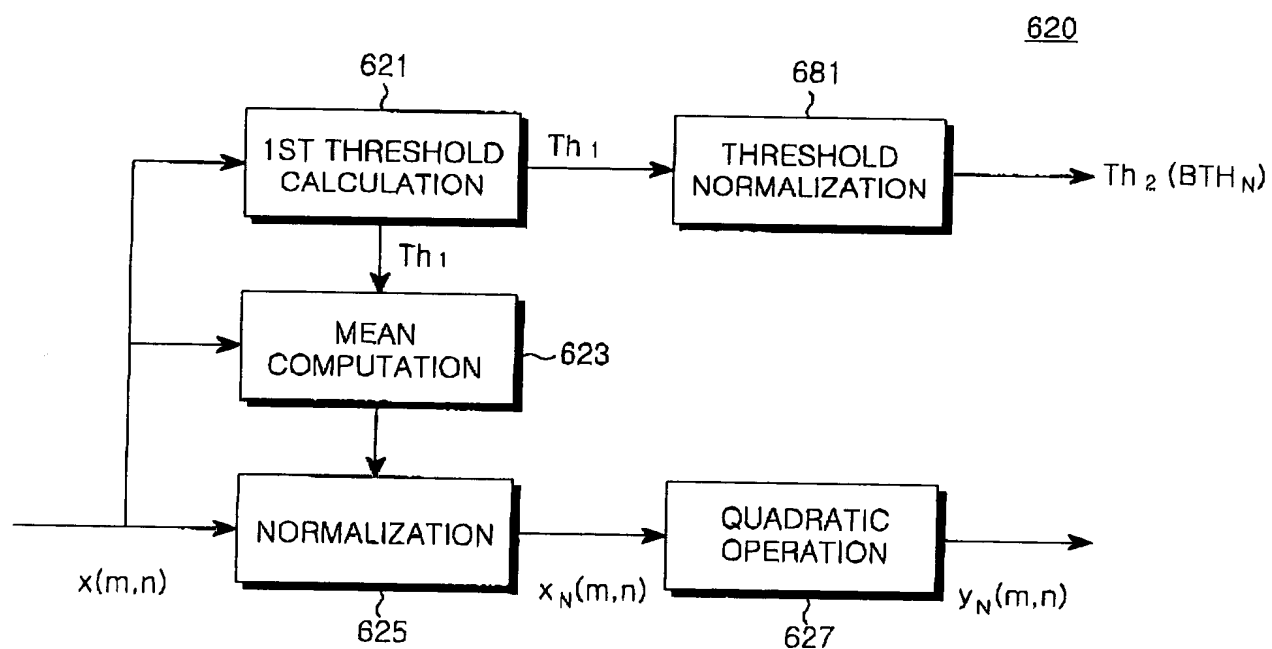


FIG.36

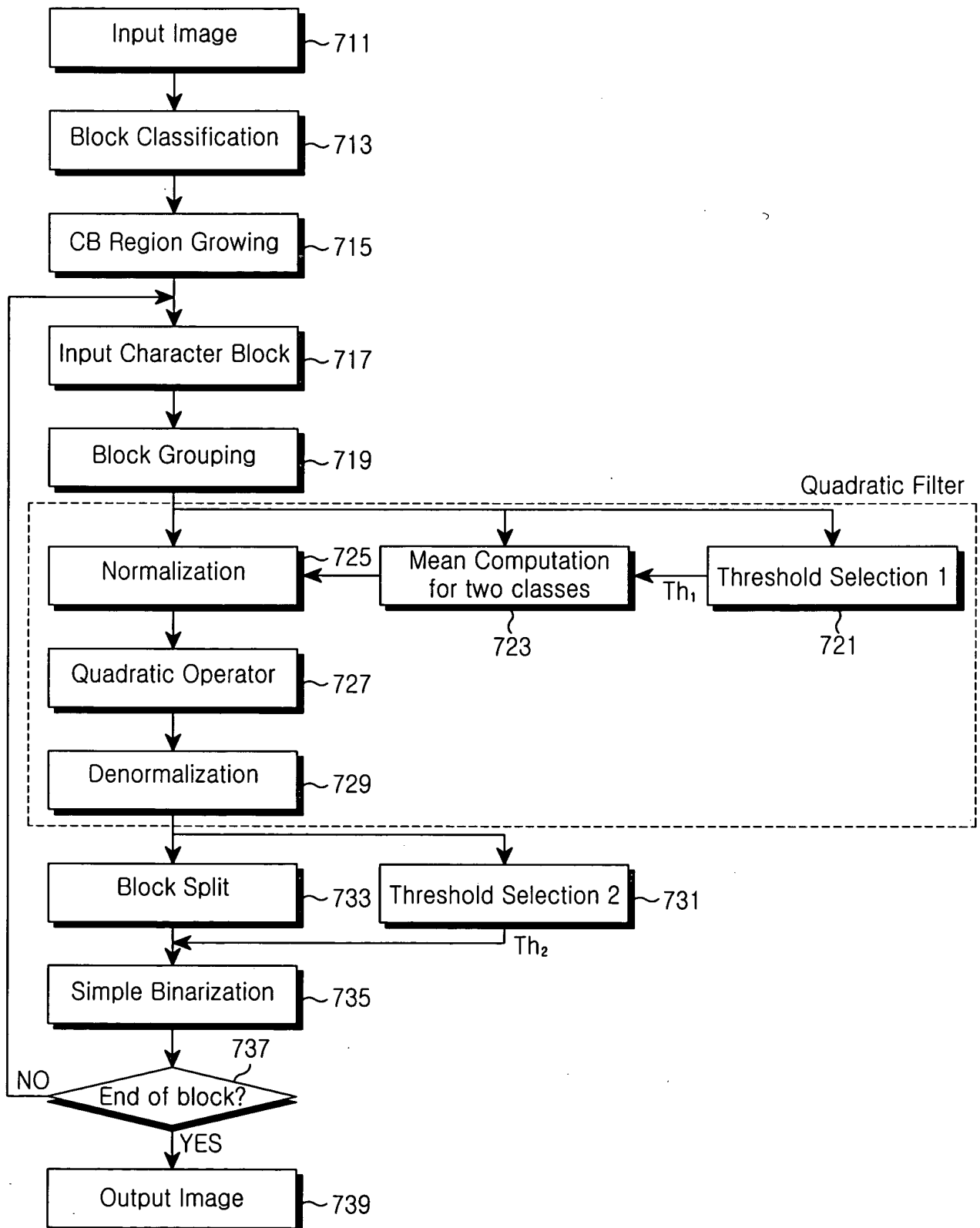



FIG.37



현대정보통신학원
현대전기학원

[Http://www.INFOHD.co.kr](http://www.INFOHD.co.kr)

<p>❖ 교육종목 ❖</p> <p>○정보통신·무선설비 기능사·기사 ○전자·방송통신 기능사·기사 ○정보처리·전자계산기 기능사·기사 ○전기공사·전기기기 기능사·기사 ○정보기기 운용(교한)·W/P ○병역특례 / 군특기병</p>	<p>무원장 한 기 동</p> <p>대구광역시 중구 북성로1가 82-1번지 TEL: (053) 255-1230, 1239, 256-8660 FAX: (053) 256-1195 H: P016-508-2556 e-mail: infohd@chollian.net</p>
---	---

FIG.38A



현대정보통신학원
현대전기학원

[Http://www.INFOHD.co.kr](http://www.INFOHD.co.kr)

<p>❖ 교육종목 ❖</p> <p>○정보통신·무선설비 기능사·기사 ○전자·방송통신 기능사·기사 ○정보처리·전자계산기 기능사·기사 ○전기공사·전기기기 기능사·기사 ○정보기기 운용(교한)·W/P ○병역특례 / 군특기병</p>	<p>무원장 한 기 동</p> <p>대구광역시 중구 북성로1가 82-1번지 TEL: (053) 255-1230, 1239, 256-8660 FAX: (053) 256-1195 H: P016-508-2556 e-mail: infohd@chollian.net</p>
---	---

FIG.38B

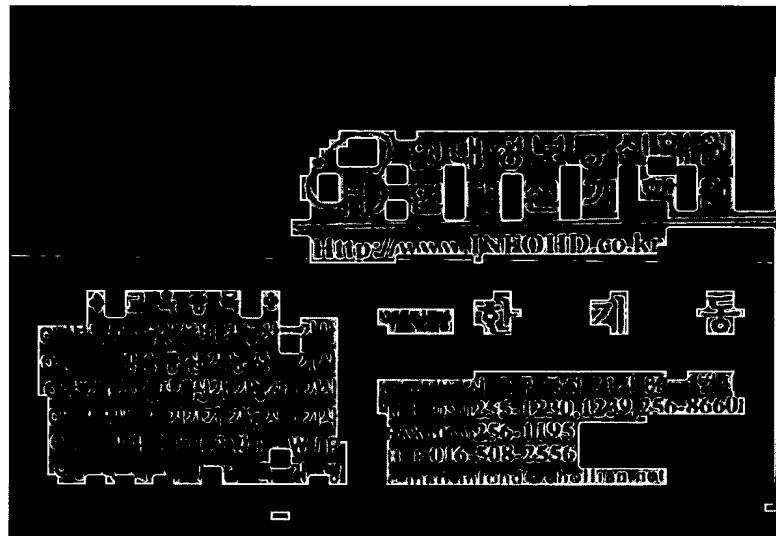


FIG.38C



FIG.38D

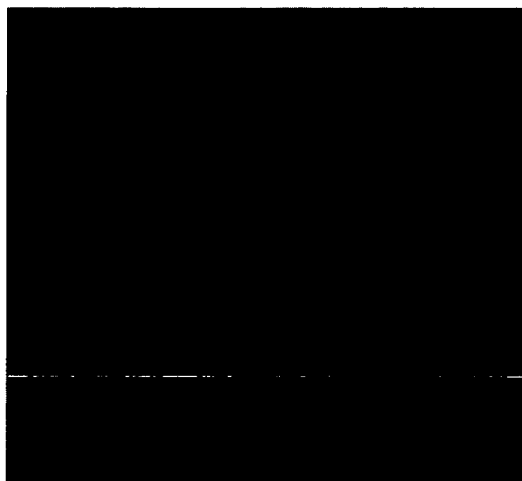


FIG.38E

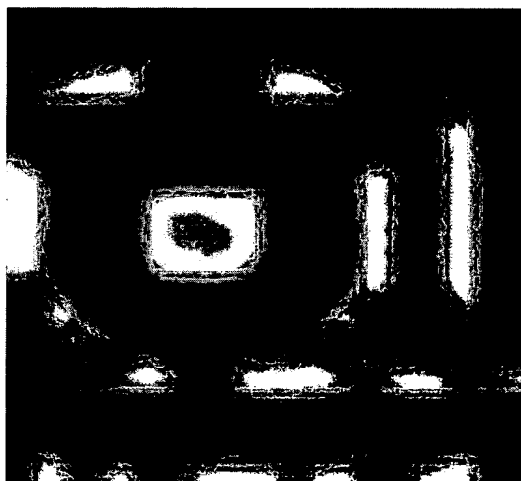


FIG.38F



FIG.38G

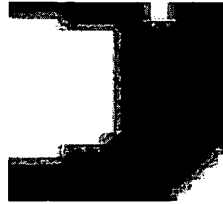



FIG.38H

 현대정보통신학원
현대전기학원

[Http://www.INFOHD.co.kr](http://www.INFOHD.co.kr)

※ 교육종목 ※

0정보통신·무선설비기능사·기사
0전자·방송통신기능사·기사
0정보처리·전자계산기기능사·기사
0전자공사·전기기기기능사·기사
0정보기기운용(교환)·W/P
0병역특례입군특기병

부원장 한 기 동

대구광역시 중구 북성로1가 82-1번지
TEL.(053)255-1230,1239,256-8660
FAX (053)256-1195
H P 016-508-2556
e-mail infohd@chollima.net

FIG.38I

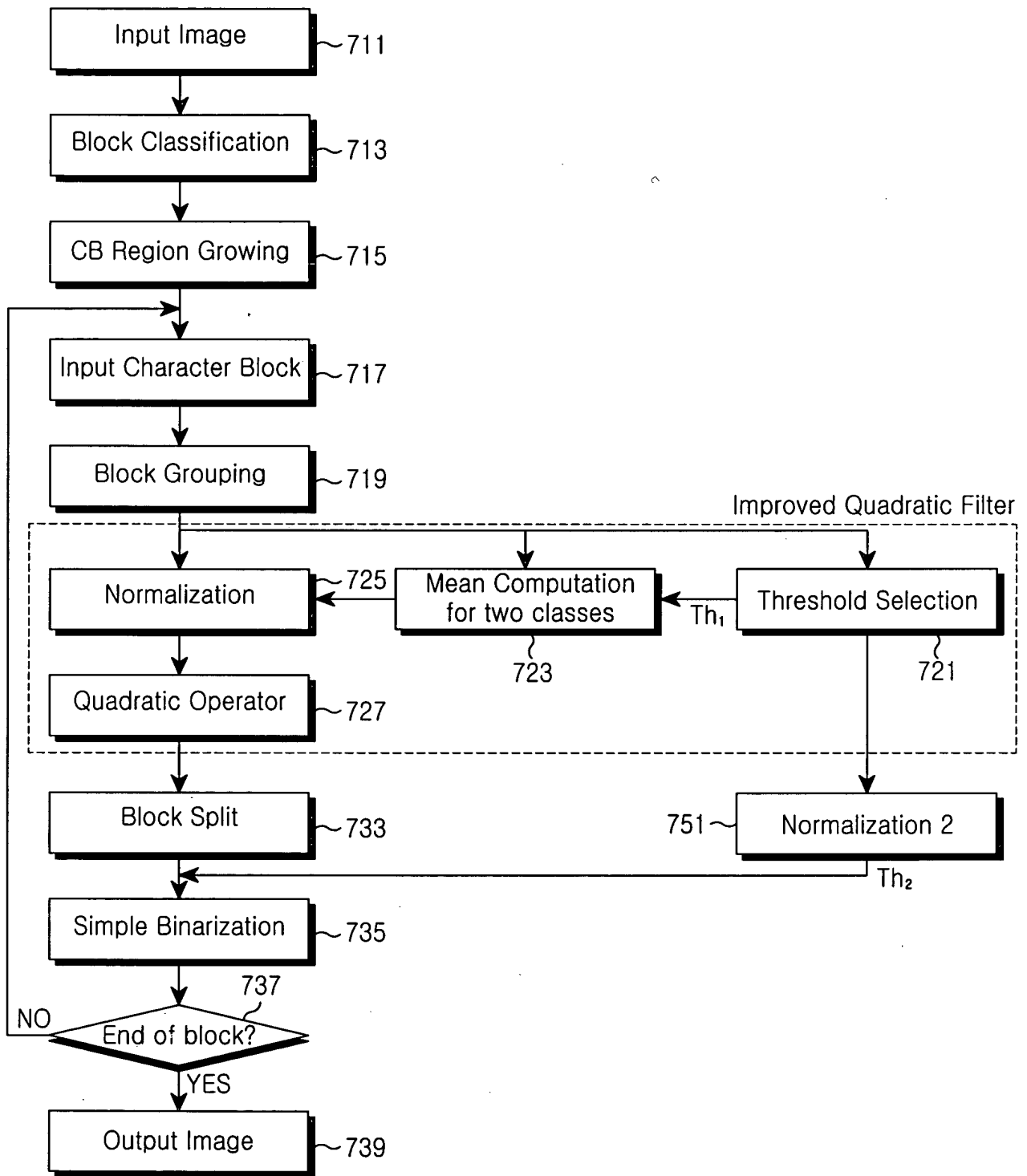



FIG.39




현대정보통신학원
현대전기학원

[Http://www.INFOHD.co.kr](http://www.INFOHD.co.kr)

<p>◇ 교육종목 ◇</p> <p>○정보통신·무선설비 기능사·기사 ○전자·방송통신 기능사·기사 ○정보처리·전자계산기 기능사·기사 ○전기공사·전기기기 기능사·기사 ○정보기기운용(교환)·W/P ○영어특례 / 군복기병</p>	<p>무원장 한 기 동</p> <p>대구광역시 중구 북성로1가 82-1번지 TEL: 053-255-1230, 1239, 256-8660 FAX: 053-256-1195 H: P 016-508-2556 e-mail: infohd@chollian.net</p>
--	--

FIG.40A



현대정보통신학원
현대전기학원

[Http://www.INFOHD.co.kr](http://www.INFOHD.co.kr)

<p>◇ 교육종목 ◇</p> <p>○정보통신·무선설비 기능사·기사 ○전자·방송통신 기능사·기사 ○정보처리·전자계산기 기능사·기사 ○전기공사·전기기기 기능사·기사 ○정보기기운용(교환)·W/P ○영어특례 / 군복기병</p>	<p>무원장 한 기 동</p> <p>대구광역시 중구 북성로1가 82-1번지 TEL: 053-255-1230, 1239, 256-8660 FAX: 053-256-1195 H: P 016-508-2556 e-mail: infohd@chollian.net</p>
--	--

FIG.40B

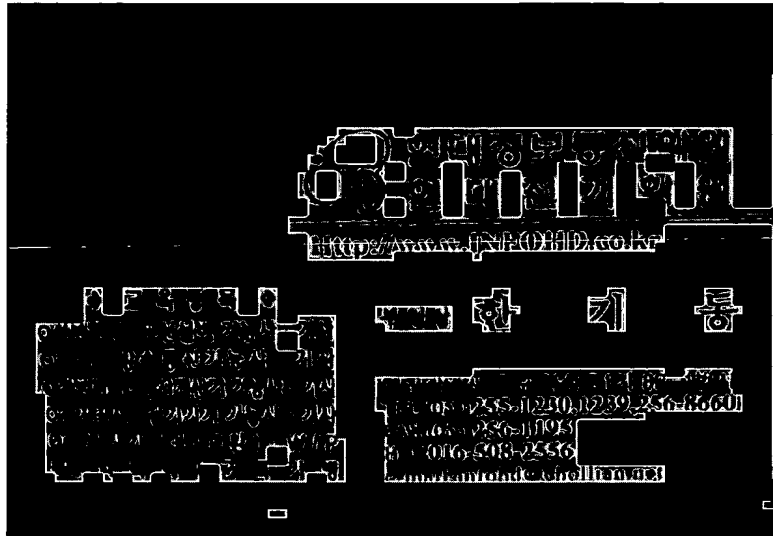


FIG.40C

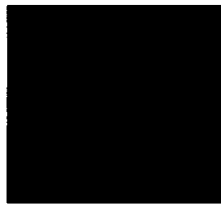


FIG.40D

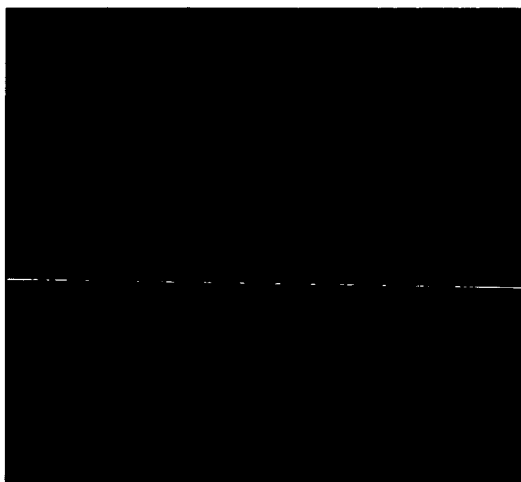


FIG.40E

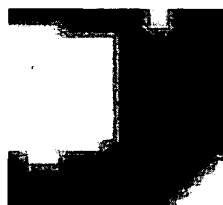
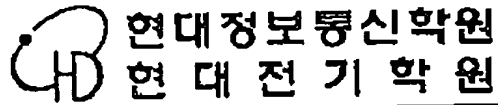


FIG.40F



[Http://www.INFOHD.co.kr](http://www.INFOHD.co.kr)

◆ 교육종목 ◆
O정보통신·무선설비 기능사·기사
O전자·방송통신 기능사·기사
O정보처리·전자계산기 기능사·기사
O전기공사·전기기기 기능사·기사
O정보기기운용(교환)·W/P
O병역목록/군특기병

부원장 한 기 동

대구광역시 중구 북성로1가 82-1번지
TEL:(053)255-1230,1239,256-8660
FAX:(053)256-1195
H P-016-508-2556
e-mail:infohd@chollan.net

FIG.40G



FIG.41A

NURI Telecom CO.,LTD.

Yuhwa Securities Bldg 14F
123-7 Yoido-Dong Yousideungpo-Gu.
Seoul, Korea.
TEL: +82-2-782-0942
FAX: +82-2-781-0704
E-mail : lowtonce@nuritelecom.com
<http://www.nuritelecom.com>

FIG.41B

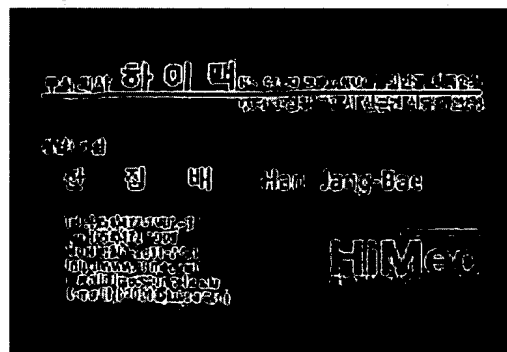


FIG.42A

주식회사 **하 이 맥** KS A/ISO 9001/9002 품질인증 획득업체
130-850 경북 구미시 산동면 신당리 292-3

개발/차장
한 장 배 Han Jang-Bae

Tel : (054)472-1901-3
Fax : (054)472-1909
Mobile: 011-9811-7761
<http://www.hi-mec.net>
E-mail: hi-mec@unitel.co.kr
E-mail: hjb2001@korea.com

HiMec
High-Mechatronics Co., Ltd.

FIG.42B

주식회사 **하 이 맥** KS A/ISO 9001/9002 품질인증 획득업체
130-850 경북 구미시 산동면 신당리 292-3

개발/차장
한 장 배 Han Jang-Bae

Tel : (054)472-1901-3
Fax : (054)472-1909
Mobile: 011-9811-7761
<http://www.hi-mec.net>
E-mail: hi-mec@unitel.co.kr
E-mail: hjb2001@korea.com

HiMec
High-Mechatronics Co., Ltd.

FIG.42C

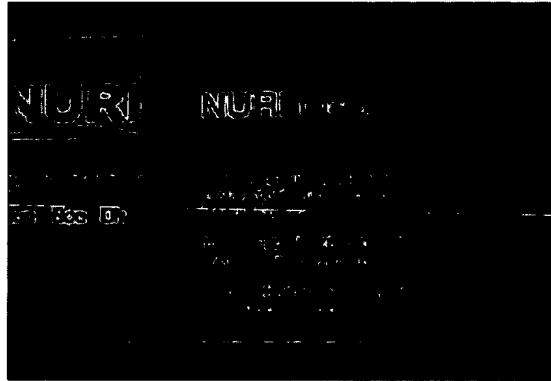


FIG.43A

Chan-Hyun Youn, Ph.D.
Associate Professor
School of Information
Information and Communications
University
55-4, Hwaam-dong, Yuseong-gu, Daejeon 305-732, KOREA
Tel: +82-42-866-6126 Fax: +82-42-866-1110
E-mail: chyou@icu.ac.kr

FIG.43B

Chan-Hyun Youn, Ph.D.
Associate Professor
School of Engineering
Information and Communications
University
5W, Hiraam-dong, Yuseong-gu, Daejeon 305-732, KOREA
Tel: '82-42-866-6126 Fax: «82-42-86H1 10
E-mail: chyoun6icu.ackr

FIG.43C

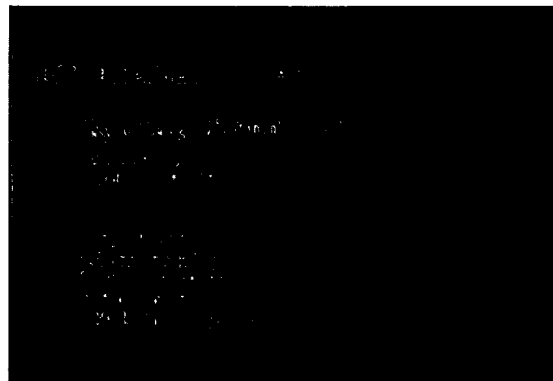


FIG.44A

LG Electronics Inc.

Kyoung - Hyun Cho

Research Engineer

DTVDEPT Digital Structure R&D 4th Fl.

Kumi TV Plant

642, Jinpyung-dong, Kumi-city, Kyoungbuk ~

Phone: +82-54-470-4566 FAX: +82-54-470-2405

Mobile Phone: +82-16-812-6356

E-Mail: dth215@lg.com

FIG.44B

LG Electronics Inc.

Kyoung - Hyun Cho

Research Engineer

DTVDEPT Digital Display Room 1st Fl.

Kumi TV Plant

642, Jinpyung-dong, Kumi-city, Kyoungbuk 7W3WI Kona

Phone: +82-54-170-4566 FAX: +82-54-470-2405

Mobile Phone: +82-16-812-6356

E-Mail: dth215@lg.com

FIG.44C